

The Polynesian.

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No. 47

THE POLYNESIAN

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EDWIN O. HALL, EDITOR.

TERMS.
One copy per annum, in advance, \$6 00
One copy six months, " " 3 50
Single copies, " " 15c
ADVERTISING.
One square, (10 lines) first insertion, \$1 00
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Cards, notices, &c., not exceeding one half square,
by the year, " 5 00
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yearly advertising, not exceeding one half square, 30 00
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Legal advertisements—Twenty-five cents per line for the first insertion, and six and one fourth cents for each subsequent insertion.
Subscription to the Polynesian is payable invariably in advance.
No transient advertisements will be inserted, unless prepaid.

BUSINESS CARDS.

Importers and Commission Merchants.

ALDRICH & BISHOP.
Importers and Dealers in General Merchandise.
Honolulu, Oahu, S. I.
Agents for the sale of the products of the Hawaiian Islands.

CYRUS W. JONES & CO.,
Dealers in Wines and Liquors,
Swan & Clifford's Building, foot Kaahumanu Street.

FREDERIC OGEN,
Importer and General Commission Merchant,
Honolulu, Oahu, Hawaiian Islands.
Wanted Bills of Exchange on England, France, and the United States.
N. B.—Money advanced on parcels bound from this port to Sydney, or other parts of the Australian Colonies.

IRA RICHARDSON,
Dealer in Ship Chandlery, Hawaiian Produce, and General Merchandise,
Corner of Queen and Nuanu streets, Honolulu, Oahu, H. I.

B. F. SNOW,
Importer & Dealer in General Merchandise,
Honolulu, Oahu, Hawaiian Islands.
Bills of Exchange on foreign countries wanted.

ROBERT C. JANION,
Merchant and Commission Agent,
Honolulu, Oahu, H. I.

H. HACKFELD & CO.,
General Commission Agents and Ship Chandlery,
Honolulu, Oahu, H. I.

J. C. SPALDING,
Commission Merchant and Importer,
Honolulu, Oahu, H. I.
Wanted, bills of exchange on the U. S. and Europe, on goods of all kinds taken in exchange for goods.

C. P. SAMSING & CO.,
Dealers in China Goods,
Honolulu, Oahu, H. I.
N. B.—Hand and foot, Sugar, Molasses, Tea and Coffee.

SWAN & CLIFFORD,
Ship Chandlery and General Agents,
Honolulu, Oahu, S. I.

AUSTIN & BACLE,
Dealers in General Merchandise,
Honolulu, Oahu, S. I.

VINCENT GRENIER,
Importer & Commission Merchant,
Nuanu Street, Honolulu.

CHARLES BREWER,
Commission Merchant,
Boston, U. S.

C. BREWER & CO.,
General Commission Merchant,
Honolulu, Oahu, S. I.
Money advanced on favorable terms for Bills of Exchange on the United States, England, or France.

THOS. SPENCER,
Ship Chandler and Commission Merchant,
Honolulu, Oahu, S. I.
Ships supplied with refitting materials, &c., at the shortest notice, on reasonable terms. Whalers bills wanted.

CASTLE & COOKE,
Importers and Wholesale and Retail Dealers in General Merchandise,
At the old stand, corner of King and School streets, near the large Store Church—Also, at the Store formerly occupied by C. H. Nicholson, in King St., opposite the State House Chapel.

ROBINSON & RHODES,
Importers, and Wholesale Dealers in Wines, Liqueurs, Cigars, &c.
N. B.—Intend keeping a large and well assorted stock of the best quality at the lowest possible prices, and for this purpose Mr. Rhodes will remain in San Francisco for a considerable period to select, with his well known good taste and judgment, the best that market affords, previous to his visiting England to make permanent arrangements for future supplies.

MELCHERS & CO.,
Commission Merchants and Ship Chandlery,
Honolulu, Oahu, S. I.
Store, corner of Kaahumanu and Merchant streets. Money advanced on favorable terms for Whalers' Bills on the United States and Europe.

VON HOLT & HEUCK,
General Commission Merchants,
Honolulu, Oahu, S. I.

W. N. LADD,
IMPORTER AND DEALER IN HARDWARE,
Fort Street, Honolulu.

P. MICHEL,
Dealer in General Merchandise,
Honolulu, Oahu, S. I.
At the French Store corner of Nuanu and Marine streets.

GULICK & CLARK,
Importers and Commission Merchants,
King St., Honolulu, Oahu, S. I.

J. WORTH,
Dealer in General Merchandise,
Hilo, Hawaii.

KRULL & MOLL,
Importers and Commission Merchants,
Stone Store, French's Yard.

R. COADY & CO.,
Ship Chandlery and Commission Merchants,
Honolulu, Oahu, S. I.
Ships supplied with refitting materials, &c., at the shortest notice, on reasonable terms. N. B.—Wanted, whalers' bills on the U. S. or Europe, for which money will be advanced on favorable terms.

BUSINESS CARDS.

WHOLESALE & RETAIL.

WILLIAM BOWDEN,
Ship Broker and General Agent,
Honolulu, Fort St.

RICE & CO.,
Auction and Commission Merchants,
Honolulu, Oahu, S. I.

FELDMAN & CO.,
Importers and Commission Merchants,
Queen St., Honolulu, Oahu, S. I.

J. W. RIXMANN & CO.,
Merchants, Honolulu, Oahu, S. I.,
Nuanu St. one door above King St.

B. PITMAN,
Ship Chandler and Dealer in General Merchandise,
Byron's Bay, Hilo, Hawaii.

B. F. BOLLES & CO.,
Commission Merchants, Ship Chandlery and General Agents,
Lahaina, Maui, H. I.

G. CLARK,
Dealer in Dry Goods, Clothing, &c.,
Hotel Street, Honolulu, S. I.

GILMAN & CO.,
Ship Chandlery and General Agents,
Lahaina, Maui, S. I.

WILLIAM MAXWELL,
Butcher,
At Smiths Nos. 1, 2 and 3, in the New Market.

B. F. HARDER,
Butcher and Sausage Maker,
Honolulu, Oahu, S. I.

EDWARD KOPKA,
Working Jeweller,
Hotel St., Opposite Mr. F. Spencer's Store.

D. N. FLITNER,
Continues to repair Clocks, at the old stand; accurate rates determined by observations of the sun and stars, with a transit instrument made by Ross & Co., Liverpool. Particular attention given to fine watch repairing. Sextant and Quadrant glasses silvered and adjusted.

H. PRENDERGAST, Agent of Hawaiian Steam Navigation Company,
Office on Merchant St., over Kuebler & Co.

C. H. NICHOLSON,
Merchant Tailor,
[Establishment opposite Freeman's Chapel],
Honolulu, Oahu, H. I.

J. FOX'S
Bakery and Grocery Store,
Honolulu, Oahu, S. I.

MOSSMAN & SON,
Bakers, Grocers and Dealers in Dry Goods,
Nuanu St., Honolulu, Oahu, S. I.

C. A. TANNER,
Sail Maker, Honolulu, Oahu, S. I.
N. B.—Constantly on hand, for sale, being and cotton canvas, Duck, Tarpaulin, Sheet, Cordage, Old Sails and everything pertaining to the trade. Orders promptly attended to, and executed with quick dispatch.

DANIEL JANNERS
Restaurant, Republic,
Meals at all hours, with the best the market affords. Mauna Kea Street, 1 door below Liberty Hall.

P. EMMERT
Lithographer,
Portraits, Landscapes, Private Residences, Maps, Plans, Bill-heads, Circulars, Labels, Booklets, Signs, and Visiting Cards, neatly and expeditiously engraved. Portraits and Landscapes painted in Oil or Water-Colours. Orders promptly and promptly executed. Caranac's Building, over C. H. Nicholson, Nuanu St., Honolulu.

J. H. WOOD,
Boot and Shoe Manufacturer, Shoe and Leather Dealer,
Honolulu, Oahu, S. I.

BENJ. CARMAN,
ARCHITECT AND BUILDER,
In Nuanu Street, (opposite the Commercial Hotel). Plans and Specifications drawn by the day or contract, or superintended at a fair percentage on the cost of building.

S. JOHNSON,
House Carpenter &c.,
Successor to C. H. Lewis.

FISCHER & JURGENS,
Cabinet Makers and French Polishers,
Hotel St., opposite Government House.

STUART & RAHE,
Cabinet Makers and Turners,
Honolulu, Oahu, S. I.

JOHN FEY'S
Hat and Cap Establishment,
Honolulu, Oahu, S. I.

E. HEEREN,
Manufacturer of Soda Water and Syrups,
At Commercial Hotel, Nuanu St.

WM. WEISTER,
Land Agent to His Majesty,
Office in the King's Garden, Beretania Street.

MORT & OPPENHEIM,
Commission Merchants,
Snyder, N. S. W.

JOSEPH P. GRISWOLD,
Attorney at Law,
Office Kaahumanu Street, Honolulu, Oahu.

J. E. CHAMBERLAIN,
Attorney at Law,
Office in the Court House.

M. C. MONSARRAT,
Auctioneer, Honolulu,
Oahu, S. I.

HENRY SEA,
Auctioneer,
Over the Store of R. Condy & Co.

G. D. GILMAN,
Auctioneer, Lahaina,
Maui, S. I.

BUSINESS CARDS.

BANK OF

PAGE, BACON & CO.,
HONOLULU.

Drafts bought on the principal cities of the United States and England, also sight Exchange for sale in sums to suit.

PAGE, BACON & CO.,
BANKERS, San Francisco.

CHAS. F. GUILLOU,
LATE SURGEON UNITED STATES NAVY,
Consulting Physician to Sick American Seamen.

S. PORTER FORD,
Surgeon and Physician,
Kaahumanu St., Honolulu, Oahu, S. I.

JAMES O'BRIEN,
Surgeon and Physician,
Office in Fort St. 3 doors below the corner of Hotel St. and opposite the Store of R. G. Davis.

GEO. A. LATHROP,
Physician and Surgeon,
Honolulu, Oahu, S. I.

G. P. JUDD, M.D.,
Physician and Surgeon,
Honolulu, Oahu, S. I.

E. HOFFMANN,
Physician and Surgeon,
Office in the New Drug Store, Corner of Kaahumanu and Queen Sts., Mahee & Aulon's Block. Open day and night.

C. H. WETMORE,
Physician and Surgeon,
Hilo, Hawaii S. I.

D. C. STOCKING,
Dentist,
Office on Fort Street, 3 doors below Hotel Street.

JAS. W. SMITH,
Physician and Surgeon,
Kalanika St., Honolulu, Oahu, S. I.

DR. CH. FR. BERG,
Physician and Surgeon,
Honolulu, Oahu, S. I.

RUGGLES & CO.,
Drug Store and Dispensary,
Corner of Kaahumanu and Merchant streets. Open at all hours of the day and night. Prescriptions carefully compounded.

FLORENS STAPENHORST,
Agent for the Bremen Board of Underwriters.
THE UNDERSIGNED having been appointed Agent for the Bremen Board of Underwriters, begs to inform the commercial public in general, that all average claims against the said Underwriters, occurring in or about this Kingdom, will have to be verified by him. Masters of Bremen vessels entering this or any other port of the Hawaiian Islands, in discharge of cargo, are requested to apply to the same at their earliest convenience.

KRULL & MOLL,
Agents of the Hamburg and Lubeck Underwriters,
Honolulu, Oahu, S. I.

COOPERAGE.
CHAS. H. BUTLER,
Cooper, Honolulu, Oahu, S. I.

J. A. BURDICK,
Cooper, Honolulu, Oahu, S. I.

C. H. MARSHALL,
Cooper, Honolulu, Oahu, S. I.

HENRY C. GRAHAM,
Cooper, Honolulu, Oahu, S. I.

HAWAIIAN STEAM FLOURING COMPANY.
A. G. THURSTON, Manager.

THE HONOLULU IRON WORKS.

MACHINERY AND MILL WORK.

GEORGE G. HOWE,
LUMBER MERCHANT,

WELLS, FARGO & CO'S
EXPRESS!

FOR UNITED STATES AND EUROPE.

ADAMS & CO'S EXPRESS
FOR CALIFORNIA, OREGON,
United States and Europe.

RICE & CO.
Agents for Adams & Co.

EXPRESS!

FOR UNITED STATES AND EUROPE.

ADAMS & CO'S EXPRESS
FOR CALIFORNIA, OREGON,
United States and Europe.

RICE & CO.
Agents for Adams & Co.

GENERAL MERCHANDISE.

NOTICE.—J. C. Spalding begs leave to inform his friends and the public that he has removed to the new fire-proof store on Kaahumanu street, adjoining the store occupied by J. Mahee Esq., where he offers for sale the following assortment of goods, being invoices of merchandise ex "Washington Allston," "John Caskie," "Falcon" and steamer "Peyton," viz:

DRY GOODS.
Cases Hamilton pink, green and orange do.
Blue drills, super denims,
Bleached jeans, do drills,
Brown drills, nankins,
Nankin checks, do stripes,
Twilled do, camletines, Rob Rays,
Fancy checks, Capisins,
Mexican mixtures, Yarn twills,
Orleans Fancies, heavy twills,
Rokoko plaids, fancy prints,
Webster Ticks, Orleans Sheetings,
Bleached do, Silver Lake do,
Orange prints, green do,
Orange and canary do, orange leaf do,
Mexican mixtures, Yarn twills,
Eng. lawns, book muslins, bishop's lawn,
Victoria lawn, striped cambric, ch'd muslins.

CLOTHING.
Linen drill pants, do frocks,
Best Paris shirts, fancy silk and satin vests,
Marselles do, cashmere sack coats,
Alpaca pants, do coats,
Yarn socks, blue and red flannel shirts,
Calico do, denim frocks and pants,
Regatta and hickory shirts,
Silk and muslin cravats.

BOOTS AND SHOES.
Cases gent's fine brogans, do calf do,
Do goat do, native women's shoes,
Rubber boots.

SADDLERY.
Cases Best American saddles, do Colombian do,
Fixtures, such as bridles, bits, stirrups, martingales, &c.,
Riding bits, California do,
Harnesses for light buggy use.

150 lbs mess beef, 150 do prime pork.
Hf bbls crushed sugar, tierces hams,
Cases pres'd peaches, do olive oil,
Do oysters, do crackers in tins,
Do fresh cheese in tins, do clams and lobsters,
Do preserved meats, comprising the following assortment in each case—beef, beef roast do, boiled mutton, roast do, roast turkey and chicken, stewed veal, beef soup, sausages.

SUNDRIES.
Bills rat, do pitch, blues wrapping paper,
Crates mugs and pitchers, navy caps in trunks,
Tin plates in boxes, anchors and chains,
Bales cork, single and double blocks,
Eggs and bulb lanterns, sailors' pots and pans,
Rigging, sole and pump leather,
Manila belt cords, jewellings,
Cutlery, copper do, spring stirrups,
Handcuffs, leg irons, sheath knives,
Gun plates, do, copper tools, all kinds,
Axe handles, Russia hand lines, log do,
Spanners, marline, hemp and Manila cordage,
Jib hanks, coral beads, mirrors,
Hooks and eyes, pins, agate buttons,
Metal strap'd and japanned do,
White metal thimbles, brass do,
Needles, pencil leads, violin strings,
Pearl buttons, cutlery handle combs,
Coarse and fine do, horn and dressing do,
Ivory do, lathe brushes,
Pencil cases, elater pins, &c. &c.

ALSO—FOR SALE.
Cases pres. quinces, cranberry jam,
Drums figs, boxes raisins in prime order,
Cajon pepper, do allspice and cinnamon,
Do cloves, boxes sycamore seedlings,
Carriage whips, cases sardines,
Boxes ass't'd pie fruits, cases Martell's brandy,
Cases chocolate, coffee, tea and sugar,
Family stores of all kinds,
Ladies' shoes, gunny bags in bales of 100 each,
Fire-proof money safes, sheaths and belts,
Soy, boxes of socks and handkerchiefs.

And a general assortment of merchandise adapted to the trade.

Constantly on hand a complete assortment of ship stores and chandlery, also a large and well selected assortment of merchandise adapted to the retail trade.

ALSO—JUST RECEIVED.
1 doz very superior Army SWORDS, favorite pattern, with equipments, &c. complete.
Shortly expected, per "Living Age" from New York.

Cases Saddlery, do printed Lawns.
Honolulu, Aug. 24, 1854-16

BOOTS AND SHOES.—At the Brick Shoe Store—Just received another lot of those Custom Made, comprising the most extensive variety of LADIES', GENTS', MISSES', BOYS', AND CHILDREN'S BOOTS, SHOES AND GAITERS, over offered in Honolulu, all of which, quality considered, will be sold cheap.

Also, Gents', Boys', Misses' and Children's plain and fancy HOSIERY, of superior quality.

Shoe Findings, Pump Sole, Rigging, Harness, Bridle, Band and Wash Leather.

Blacking, Shoe brushes, Leather Preservative, (a superior article for sea boots, harnesses, and carriage tops), Nails, Foot oil, Spurring Gloves, &c.

N. B.—Boots and shoes made and repaired with neatness and dispatch, and all work warranted by J. H. WOOD.

WANTED.—Two Journeyman Boot and Shoe makers, to whom good wages and steady employment will be given. None but good workmen need apply.

NOTICE TO WHALE SHIPS.
Messrs. BAIN & BURT, General Merchants, Ship and Commission Agents, residing at Auckland, New Zealand, respectfully tender to the captains and crews of whale-ships and other vessels to refer to their Circular of June, 1852, copies of which may be had on application to Henry J. Holdsworth, captain of the port of Honolulu, and to the Consuls of the United States, at Lahaina, and Hilo.

SODA WATER!
THE UNDERSIGNED, from and after the 1st of January, 1855, will fill 10 gallon fountains with good Whiting Acid Soda, for \$1.50 each.

Also Bottles of Soda for passenger's and ship's use, warranted to keep the passage to San Francisco.

THE HUDSON'S BAY COMPANY offer for sale to arrive per "Pon's Aeli," an assortment of the best French and English Perfumery.

ZINC Shingling Nails. For sale by W. N. LADD.

FINE SPORTING POWDER for sale by the Agent of the Hudson Bay Co.

CAUTION.
I HEREBY give public notice to the owners of all cattle, horses or pigs found trespassing upon my premises or fish pond at Waikiki, that I will prosecute them for any damages that may be hereafter committed by such animals, to the full extent of the law.

NOTICE.
PARTIES having any claims against the late firm of J. W. RIXMANN & Co., are requested to send in their bills without delay.

THE STRENGTH OF THE AMERICAN PEOPLE lies less in the number of their cannon and bayonets, and most in their schoolhouses, newspapers and books.

The Polynesian.

[From the Friend.]

The Culture of Silk and the Vine.

The culture of silk has been tried at the Sandwich Islands, and found to be impracticable. Some fifteen years ago high hopes were entertained that this would become a silk producing country, but long since those hopes have been abandoned, and they probably will not be revived until an exceedingly dense population occupies the Hawaiian Islands.

The culture of the vine, we imagine, would be doomed to the same fate, should it be undertaken, as a mere matter of pecuniary speculation. At present the cultivation of the vine, for the purpose of producing wine, is forbidden by the laws of the Kingdom.—Should that tabu be entirely removed, we do not imagine that it would lead to any extensive cultivation of vineyards for the purpose of wine manufacture. It was made tabu for consistency's sake, we suppose, more than for any other purpose. Inasmuch as the Government, for good and satisfactory reasons, made tabu, the manufacture of such vile drinks as awa, the product of the ti-root, sweet potatoes, molasses, &c., &c., we suppose it included the cultivation of the vine for wine manufacture. This, however, does not include the cultivation of the vine for eating purposes. Never yet has the vine been cultivated to sufficient extent to supply the market with grapes, one of the most delicious, nutritious and harmless fruits. Hitherto grapes have sold at prices ten fold, yes, a hundred fold higher than they would have paid to have been manufactured into wine. If the removing of the tabu upon the manufacture of wine would increase the cultivation to an extent sufficient to supply our markets with a choice variety of grapes, and at a reasonable price, we should be glad to see it done. We say this not because we desire to see wine manufactured here, and we have no expectation that it would, even if the Government should offer a bounty. Let not the tabu, however, be removed, if the hydra-headed monster, Alcohol, shall be allowed to raise erect, his awa-head, ti-root-head, rum-head, or any other of his heads.

The following remarks upon the culture of the vine and silk, we copy from the first volume of Bancroft's History of the United States. The historian was led into this train of remark, in noticing the action of the Virginia Assembly, when it first began to legislate, under a written Constitution, in 1621:

"The business which occupied the first session under the written constitution, related chiefly to the encouragement of domestic industry; and the culture of silk particularly engaged the attention of the assembly. But legislation, though it can favor industry, cannot create it. When soil, men, and circumstances, combine to render a manufacture desirable, legislation can protect the infancy of enterprise against the unequal competition with established skill. The culture of silk, long, earnestly, and frequently recommended to the attention of Virginia, is successfully pursued, only when a superfluity of labor exists in a redundant population. In America, the first wants of life left no labor without a demand; silk-worms could not be cared for where every comfort of household existence required to be created. Still less was the successful culture of the vine possible. The company had repeatedly sent vine-dressers, who had been set to work under the terrors of martial law, and whose efforts were continued after the establishment of regular government. But the toil was in vain.

The extensive culture of the vine, unless vigorously favored by climate, succeeds only in a dense population; for a small vineyard requires the labor of many hands. It is a law of nature, that, in a new country under the temperate zone, corn and cattle will be raised, rather than silk or wine."

Those lines of the foregoing paragraph which are italicized, were so printed at our suggestion. The truth is, this paragraph contains valuable hints, for legislators in any or any other land. So much must not be expected of any government. Governments may not be able to make the people industrious, but they can hinder industry. In years past, the Sandwich Island government has stood out resolutely against the manufacture of intoxicating drinks, and we hope it will continue the same policy, so long as the flag of the Kamehamehas shall wave. This is one of its glories.

A rule without an exception.
There are exceptions to every rule, but the rule of three; that is never changed. As your income is to your expenditures, so will be the number of your children, and your consequent ability to meet them. If you allow your vanity to lead you into extravagance, you must rely on something else to take you out of it; either a rich relation or a sheriff's writ. Your furniture may be less showy than that of your neighbor, but never mind. Better are cane bottomed chairs, and mahogany tables that are paid for, than spring cushions and marble mantels, on a note of six months. Your coat may be less fashionable than that of your neighbor's, and while he is driven by a liveried coachman, you may be riding "shank's horse"; but remember there is a time for balancing the books, and every vice has got a bottom. So economize, and always remember the rule of three.

Old but good.
An exchange has the following:—"Have you observed how soon a man assumes the starchiness of his decency, when 'the people' elevate him a little. The lower the office, so will be the number of your children, and your consequent ability to meet them. If you allow your vanity to lead you into extravagance, you must rely on something else to take you out of it; either a rich relation or a sheriff's writ. Your furniture may be less showy than that of your neighbor, but never mind. Better are cane bottomed chairs, and mahogany tables that are paid for, than spring cushions and marble mantels, on a note of six months. Your coat may be less fashionable than that of your neighbor's, and while he is driven by a liveried coachman, you may be riding 'shank's horse'; but remember there is a time for balancing the books, and every vice has got a bottom. So economize, and always remember the rule of three."

WALKING FOR A DRAM.—One of the best stories of the season is told by a wit of a man who was in the country on a visit, where they had no liquor.

"How far is it to a tavern?"
"Four miles."

So off this thirsty soul started, walked four miles in a pleasant state of mind, arrived at the tavern and found it a temperance house!

LUCK.—The nearest a certain man in thirty years ever approached luck was to find a counterfeit ten-dollar bill on a broken bank. He thinks that if anybody else had found it it would have been a gold piece. The same man once found a pocket-book, and all that he got from it was the itch.

Up to Oct 1. the war with Russia had cost England one hundred and ten million dollars.

The Power of Nations.

The nation which employs the greatest amount of the best machinery, in every department of industry, says the Scientific American, is the most powerful. It was calculated ten years ago, that Britain had manufacturing machinery in operation equal to the labor of 400 millions of men—nearly half the inhabitants of the globe. This is the reason why one fourth of a population of 20,336,357, with only two and seven tenths of an acre of land for each, a climate by no means genial, a soil not very productive naturally, not more than one fourth of the population being actual producers, can pay \$250,000,000 of taxes every year to the general government, besides supporting all the rest of the population, and paying the great county and municipal taxations of the country. Our own country is extensive in domain, fruitful in soil, varied in climate, has one fifth more inhabitants than Britain, and possesses natural resources surpassing those of all other nations. Its commerce floats on every sea, its inhabitants are ingenious, intelligent and industrious, and its moral and physical power is second to no other nation. But without the great amount of useful machine power which our country possesses—these British hands of iron which spin, weave, sow, reap, forge, grind, saw, plane, and hew, our country would not be powerful; though its inhabitants were twice as numerous, and its natural resources ten fold more abundant. Many entertain the opinion that the number of inhabitants, the climate, the extent of territory, and the natural fruitfulness of soil, are the exponents of a nation's power. If this were so, those nations would be the most powerful which possessed the greatest number of inhabitants, the largest extent of territory, the finest climate, and the richest soil. But do we find this to be true respecting the nations of the earth? No, some of the weakest and most depressed of them, with inhabitants basking under the most serene skies, and walking upon the most extensive and fruitful plains. Look at China, Persia, and some of the Indian kingdoms in Asia; all Africa; and some of the European and Brazil in America, for proofs of this opinion. Machinery, then, is the foundation on which rests the physical power of Modern nations; and its perfection and multiplicity should be the aim and object of every citizen.